**How Electricity Is Made**?

Electricity comes from magnets it was found in the early 1800’s by, Michael Faraday. A big magnet rotates around a wire to produce an electric current. The power plant today is bigger and computerized but the process is the same.

A Coal Power plant:

* Coal is first dug up and delivered to the plant by trains and boats.
* The Coal is burned to heat water to make steam.
* The steam spins a turbine in a generator.
* The turbine spins a big magnet around a length of wire making a magnetic field that electrifies the wire.
* The energy flows through the wire and is pushed out by transformers.

Other ways to make electricity:

Similarly in a natural gas plant natural gas is burnt to make steam. And then the same process continues.

In a wind farm the wind is used to spin the turbine and again the same process continues.

A hydro power which uses running water to spin the turbine and the process continues.

Sometimes we use solar energy by using solar panels which store the energy of the sun.

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